

Keep w/ Care

PAT-NO: JP408158160A

DOCUMENT-IDENTIFIER: JP 08158160 A

TITLE: CONJUGATED FIBER FOR AIR BAG

PUBN-DATE: June 18, 1996

INVENTOR-INFORMATION:

NAME

KAMIHASHI, NORIKO

KAKUMOTO, KOJI

HASHIMOTO, KAZUNORI

ASSIGNEE-INFORMATION:

NAME

UNITIKA LTD

COUNTRY

N/A

APPL-NO: JP06300644

APPL-DATE: December 5, 1994

INT-CL (IPC): D01F008/12, B60R021/16 , D01D005/08 ,  
D01D005/34 , D03D001/02

ABSTRACT:

PURPOSE: To obtain the subject conjugate fiber having sufficient strength and heat resistance and capable of being drawn in a high ratio on its production because of being the sheath-core structure fiber comprising nylon 6 and nylon 46 disposed in a suitable ratio.

CONSTITUTION: This conjugate fiber for the air bag is produced by

melt-spinning nylon 6 as a core component and nylon 46 as a sheath component, and has a core part/sheath part weight ratio of 50/50 to 80/20 and a single fineness of  $\leq 6$  denier. A web obtained by weaving or knitting the conjugate fibers has mechanical characteristics, heat resistance and fatigue resistance required for the air bag, is excellent in flexibility and can be stored in a compact size.

COPYRIGHT: (C)1996,JPO